

**City of Sunnyvale**  
**Ten Year Project Costs**  
**by Project Category and Type**

Project Number	Project Name	Prior Years Actual	Revised Budget 2003-04	Plan 2004-05	Plan 2005-06	Plan 2006-07	Plan 2007-08	Plan 2008-09	Plan 2009-10	Plan 2010-11	Plan 2011-12	Plan 2012-13	Plan 2013-14	Ten Year Plan Total	Project Grand Total
<b>Category: Special</b> <b>Type: Solid Waste</b>															
811250	SMaRT Station Equipment Replacement	621,972	565,239	546,363	59,069	244,037	2,172,443	747,864	21,557	70,279	794,174	146,571	146,571	4,948,928	6,136,139
821170	SMaRT Station Operations Contract RFP	105,776	0	0	154,530	0	0	0	0	0	0	177,506	0	332,036	437,812
821180	Contribution to SMaRT Station Operations Contract RFP	50,187	0	0	74,003	0	0	0	0	0	0	85,007	0	159,010	209,197
822330	Trim Landfill Screening Trees on Caribbean Drive	34,419	0	0	36,057	0	0	38,264	0	0	40,606	0	0	114,927	149,346
824250	Landfill Gas System Response to New Federal Regulations	0	50,000	0	0	2,942	0	0	3,122	0	0	3,313	0	9,377	59,377
824260	Solid Waste Cost of Service Study	0	0	0	0	32,064	0	0	0	0	35,401	0	0	67,465	67,465
824550	Bay Counties Waste Services Performance Audit	0	84,000	0	0	0	0	0	0	0	0	0	0	0	84,000
824740	Landfill Constituents of Concern Monitoring	0	0	42,917	0	0	0	0	47,383	0	0	0	0	90,300	90,300
<b>Total</b>		812,354	699,239	589,280	323,659	279,043	2,172,443	786,128	72,062	70,279	870,181	412,397	146,571	5,722,043	7,233,636

## Project Information Sheet

### Project: 811250    SMaRT Station Equipment Replacement

Category:	Special	Type:	Solid Waste	Department:	Public Works
Origination Year:	1995-96	Phase:	Ongoing	Project Manager:	Richard Gurney
Planned Completion Year:	Ongoing	% Complete:	n/a	Project Coordinator:	Gail Bentley
Origin:	Staff			Interdependencies:	none
Element:	3 Environmental Management		Goal:	3.2A	
Sub-Element:	3.2 Solid Waste Management		Neighborhood:	City Wide	
Fund:	490    SMaRT Station		Sub-Fund:	200    SMaRT Station Equipment Replac	

### Statement of Need

These costs are for replacing and maintaining City-owned equipment and facilities at the SMaRT Station. This project is funded by payments to the replacement reserve made by Sunnyvale, Palo Alto and Mountain View, which pay 55.28%, 21.27% and 23.45% of the total costs, respectively. The replacement schedule and costs are updated annually to reflect anticipated expenses, based on the City's experience since the facility opened in 1993.

### Service Level

no service level effect

### Issues

Costs have increased due to establishing more accurate cost estimates of equipment replacement and major repairs.

### Project Financial Summary

Financial Data	Prior Years Actual	Revised Budget 2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	10 Year Budget	Grand Total
<b>Project Costs</b>	621,972	565,239	546,363	59,069	244,037	2,172,443	747,864	21,557	70,279	794,174	146,571	146,571	4,948,928	6,136,139
<b>Revenues</b>														
<b>Total</b>	37,398	0											0	37,398
<b>Transfers-In</b>														
SMaRT Fund - Capital			546,363	59,069	244,037	2,172,443	747,864	21,557	70,279	794,174	146,571	146,571		
<b>Total</b>	0	0											4,948,928	4,948,928
<b>Operating Costs</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Project Information Sheet

### Project: 821170 SMaRT Station Operations Contract RFP

Category:	Special	Type:	Solid Waste	Department:	Public Works
Origination Year:	1999-00	Phase:	Ongoing	Project Manager:	Mark Bowers
Planned Completion Year:	Ongoing	% Complete:	n/a	Project Coordinator:	Gail Bentley
Origin:	Staff			Interdependencies:	none
Element:	3 Environmental Management		Goal:	3.2D	
Sub-Element:	3.2 Solid Waste Management		Neighborhood:	City Wide	
Fund:	490 SMaRT Station		Sub-Fund:	100 SMaRT Station Operating	

### Statement of Need

This project funds development, issuance, and evaluation of a Request for Proposals (RFP) to operate the City's SMaRT Station. The operation contract with Waste Management, Inc. expired December 31, 2000. The new contractor, Green Team/Zanker, will operate the facility through December 31, 2007. The proposed budget assumes that toward the end of this contract there will be another RFP process beginning in FY 2005/2006. The SMaRT Station Operations Fund, 490/100, will be reimbursed for the full cost of this project by the three cities, based on their proportions of solid waste delivered to the SMaRT Station in the year the expenditures occur.

### Service Level

no service level effect

### Issues

none

### Project Financial Summary

Financial Data	Prior Years Actual	Revised Budget 2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	10 Year Budget	Grand Total
<b>Project Costs</b>	105,776	0	0	154,530	0	0	0	0	0	0	177,506	0	332,036	437,812
<b>Revenues</b>														
SMaRT Operations Cost Reimb Mountain View			0	46,359	0	0	0	0	0	0	53,252	0		
SMaRT Operations Cost Reimb Palo Alto			0	33,997	0	0	0	0	0	0	39,051	0		
SMaRT Operations Cost Reimb Sunnyvale			0	74,174	0	0	0	0	0	0	85,203	0		
<b>Total</b>	105,776	0											332,036	437,812
<b>Transfers-In</b>														
<b>Total</b>	0	0											0	0
<b>Operating Costs</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Project Information Sheet

### Project: 821180    Contribution to SMaRT Station Operations Contract RFP

Category:	Special	Type:	Solid Waste	Department:	Public Works
Origination Year:	1999-00	Phase:	Ongoing	Project Manager:	Mark Bowers
Planned Completion Year:	Ongoing	% Complete:	n/a	Project Coordinator:	Gail Bentley
Origin:	Staff			Interdependencies:	none
Element:	3 Environmental Management		Goal:	3.2D	
Sub-Element:	3.2 Solid Waste Management		Neighborhood:	City Wide	
Fund:	455    Utilities		Sub-Fund:	200    Solid Waste Management	

### Statement of Need

Project 821180, SMaRT Station Operations Contract RFP, funds development, issuance, and evaluation of a Request for Proposals (RFP) to operate the City's SMaRT Station. The operation contract with Waste Management, Inc. expired December 31, 2000. The new contractor, Green Team/Zanker, will operate the facility through December 31, 2007. The proposed budget in project 821180 assumes that toward the end of this contract there will be another RFP process beginning in FY 2005/2006, and every 7 years thereafter. The SMaRT Station Operations Fund, 490/100, will be reimbursed for the full cost of this project by the three cities, based on their proportions of solid waste delivered to the SMaRT Station in the year the expenditures occur. This project captures Sunnyvale's contribution to the SMaRT Station Operations Fund, 490/100, for its share of the RFP project expenses.

### Service Level

no service level effect

### Issues

none

### Project Financial Summary

Financial Data	Prior Years Actual	Revised Budget 2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	10 Year Budget	Grand Total
<b>Project Costs</b>	50,187	0	0	74,003	0	0	0	0	0	0	85,007	0	159,010	209,197
<b>Revenues</b>														
<b>Total</b>	0	0											0	0
<b>Transfers-In</b>														
Utilities Fund - Refuse			0	74,003	0	0	0	0	0	0	85,007	0		
<b>Total</b>	0	0											159,010	159,010
<b>Operating Costs</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Project Information Sheet

### Project: 822330    Trim Landfill Screening Trees on Caribbean Drive

Category:	Special	Type:	Solid Waste	Department:	Public Works
Origination Year:	2001-02	Phase:	Ongoing	Project Manager:	none
Planned Completion Year:	2005-06	% Complete:	n/a	Project Coordinator:	Gail Bentley
Origin:	Staff			Interdependencies:	none
Element:	3 Environmental Management		Goal:	3.2H	
Sub-Element:	3.2 Solid Waste Management		Neighborhood:	Lakewood	
Fund:	455 Utilities		Sub-Fund:	200 Solid Waste Management	

### Statement of Need

The south side of the Sunnyvale Landfill is screened by a row of eucalyptus trees that runs for over one mile along the north side of Caribbean Drive. These trees were last pruned as part of a capital improvement project in 2002, and are now due for a major pruning in 05/06. These species of trees requires pruning at three year intervals.

### Service Level

no service level effect

### Issues

none

### Project Financial Summary

Financial Data	Prior Years Actual	Revised Budget 2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	10 Year Budget	Grand Total
<b>Project Costs</b>	34,419	0	0	36,057	0	0	38,264	0	0	40,606	0	0	114,927	149,346
<b>Revenues</b>														
<b>Total</b>	0	0											0	0
<b>Transfers-In</b>														
Utilities Fund - Refuse			0	36,057	0	0	38,264	0	0	40,606	0	0		
<b>Total</b>	0	0											114,927	114,927
<b>Operating Costs</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Project Information Sheet

### Project: 824250    Landfill Gas System Response to New Federal Regulations

Category:	Special	Type:	Solid Waste	Department:	Public Works
Origination Year:	2003-04	Phase:	Planning	Project Manager:	Mark Bowers
Planned Completion Year:	2003-04	% Complete:	10	Project Coordinator:	Gail Bentley
Origin:	Staff			Interdependencies:	none
Element:	3 Environmental Management		Goal:	3.2H	
Sub-Element:	3.2 Solid Waste Management		Neighborhood:	City Wide	
Fund:	455    Utilities		Sub-Fund:	200    Solid Waste Management	

### Statement of Need

New regulations pertaining to the Sunnyvale Landfill (BAAQMD Regulation 8, Rule 34 [8-34]) became effective on July 1, 2002. The landfill has also recently been required (by the BAAQMD) to prepare a Title V (Major Facility Review) permit application. Significant consultant and equipment costs are involved in preparing and submitting the Title V permit application, and in complying with the new requirements of both 8-34 and Title V. Additional instrumentation is required to monitor and record gas utilization aspects of the Power Generation Facility and Landfill Gas Flare operations. Test and repair equipment and supplies will need to be purchased to bring landfill gas field operations up to the new, more rigorous standards of the new regulations. Consultant work associated with the initial permit application will include inspections to identify existing emission sources and to obtain other pertinent information, completion of emission estimates for the sources, development of a final list of applicable regulatory requirements, evaluation of the facility's compliance status with each applicable air quality regulatory requirement, and if there are areas of non-compliance, development of a compliance plan. An emissions monitoring program complying with the Compliance Assurance Monitoring (CAM) requirements (Title V) will be prepared, and associated monitoring reports and plans will be developed, as necessary, to comply with CAM requirements. A compliance certification will have to be prepared and signed by the City's designated responsible official.

### Service Level

none

### Issues

none

### Project Financial Summary

Financial Data	Prior Years Actual	Revised Budget 2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	10 Year Budget	Grand Total
<b>Project Costs</b>	0	50,000	0	0	2,942	0	0	3,122	0	0	3,313	0	9,377	59,377
<b>Revenues</b>														
<b>Total</b>	0	0											0	0
<b>Transfers-In</b>														
Utilities Fund - Refuse			0	0	2,942	0	0	3,122	0	0	3,313	0		
<b>Total</b>	0	0											9,377	9,377
<b>Operating Costs</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Project Information Sheet

### Project: 824260    Solid Waste Cost of Service Study

Category:	Special	Type:	Solid Waste	Department:	Finance
Origination Year:	2005-06	Phase:	Ongoing	Project Manager:	Mark Bowers
Planned Completion Year:	Ongoing	% Complete:	n/a	Project Coordinator:	Tim Kirby
Origin:	Staff			Interdependencies:	Public Works
Element:	3 Environmental Management		Goal:	3.2F	
Sub-Element:	3.2 Solid Waste Management		Neighborhood:	City Wide	
Fund:	455    Utilities		Sub-Fund:	200    Solid Waste Management	

### Statement of Need

Every four years the Utilities Division in the Dept of Finance performs a cost of service study on the solid waste system to reallocate the costs of the City's solid waste services among the various customer classes based on their use of each service. Staff works with a consultant to develop a cost of service model or update an existing model with current data. The study generates a cost of service for each customer class and recommends adjustments to the rate structure to ensure costs are recovered on an equitable basis from the different customer classes.

### Service Level

COS study will help maintain the optimum service level.

### Issues

none

### Project Financial Summary

Financial Data	Prior Years Actual	Revised Budget 2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	10 Year Budget	Grand Total
<b>Project Costs</b>	0	0	0	0	32,064	0	0	0	0	35,401	0	0	67,465	67,465
<b>Revenues</b>														
<b>Total</b>	0	0											0	0
<b>Transfers-In</b>														
Utilities Fund - Refuse			0	0	32,064	0	0	0	0	35,402	0	0		
<b>Total</b>	0	0											67,466	67,466
<b>Operating Costs</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Project Information Sheet

### Project: 824550 Bay Counties Waste Services Performance Audit

Category:	Special	Type:	Solid Waste	Department:	Public Works
Origination Year:	2003-04	Phase:	Ongoing	Project Manager:	Mark Bowers
Planned Completion Year:	2003-04	% Complete:	n/a	Project Coordinator:	Gail Bentley
Origin:	Staff			Interdependencies:	none
Element:	3 Environmental Management		Goal:		
Sub-Element:	3.2 Solid Waste Management		Neighborhood:	City Wide	
Fund:	455 Utilities		Sub-Fund:	200 Solid Waste Management	

### Statement of Need

Per the City Council direction of November 11, 2003, the City is contracting with Brown Vence & Associates to conduct a Performance Review of Bay Counties Waste Services (BCWS), the City's franchised waste and recycling hauler. This performance review will evaluate: Management Systems, Operations, Financial Practices, Customer Service, and Environmental Practices. This project will be funded by the Solid Waste Enterprise Fund, with 50% (\$42,000) paid for by BCWS per Budget Mod #26.

### Service Level

No service level effect.

### Issues

none

### Project Financial Summary

Financial Data	Prior Years Actual	Revised Budget 2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	10 Year Budget	Grand Total
<b>Project Costs</b>	0	84,000	0	0	0	0	0	0	0	0	0	0	0	84,000
<b>Revenues</b>														
<b>Total</b>	0	42,000											0	42,000
<b>Transfers-In</b>														
<b>Total</b>	0	0											0	0
<b>Operating Costs</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0



## Project Information Sheet

### Project: 824740    Landfill Constituents of Concern Monitoring

Category:	Special	Type:	Solid Waste	Department:	Public Works
Origination Year:	2003-04	Phase:	Planning	Project Manager:	Mark Bowers
Planned Completion Year:	Ongoing	% Complete:	n/a	Project Coordinator:	none
Origin:	Staff			Interdependencies:	none
Element:	3 Environmental Management		Goal:	3.2D	
Sub-Element:	3.2 Solid Waste Management		Neighborhood:	City Wide	
Fund:	455    Utilities		Sub-Fund:	200    Solid Waste Management	

### Statement of Need

The Regional Water Quality Control Board enforces regulations that require the City to routinely monitor the groundwater, surface water, and leachate in and around the closed Sunnyvale Landfill. The regulations require extra sampling and analysis for "Constituents of Concern" once every five years. This sampling and analysis requires significant additional expense.

### Service Level

none

### Issues

This project is intended to isolate infrequent but costly Constituents of Concern sampling and analysis costs from the operating program budget.

### Project Financial Summary

Financial Data	Prior Years Actual	Revised Budget 2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	10 Year Budget	Grand Total
<b>Project Costs</b>	0	0	42,917	0	0	0	0	47,383	0	0	0	0	90,300	90,300
<b>Revenues</b>														
<b>Total</b>	0	0											0	0
<b>Transfers-In</b>														
Utilities Fund - Refuse			42,917	0	0	0	0	47,384	0	0	0	0		
<b>Total</b>	0	0											90,301	90,301
<b>Operating Costs</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0